

Fig. S1. (a) Temperatura ($^{\circ}\text{C}$) and (b) humidity (%) experiment 1. (c) Temperatura ($^{\circ}\text{C}$) and (d) humidity (%) experiment 2. (e) Temperatura ($^{\circ}\text{C}$) and (f) humidity (%) experiment 3.

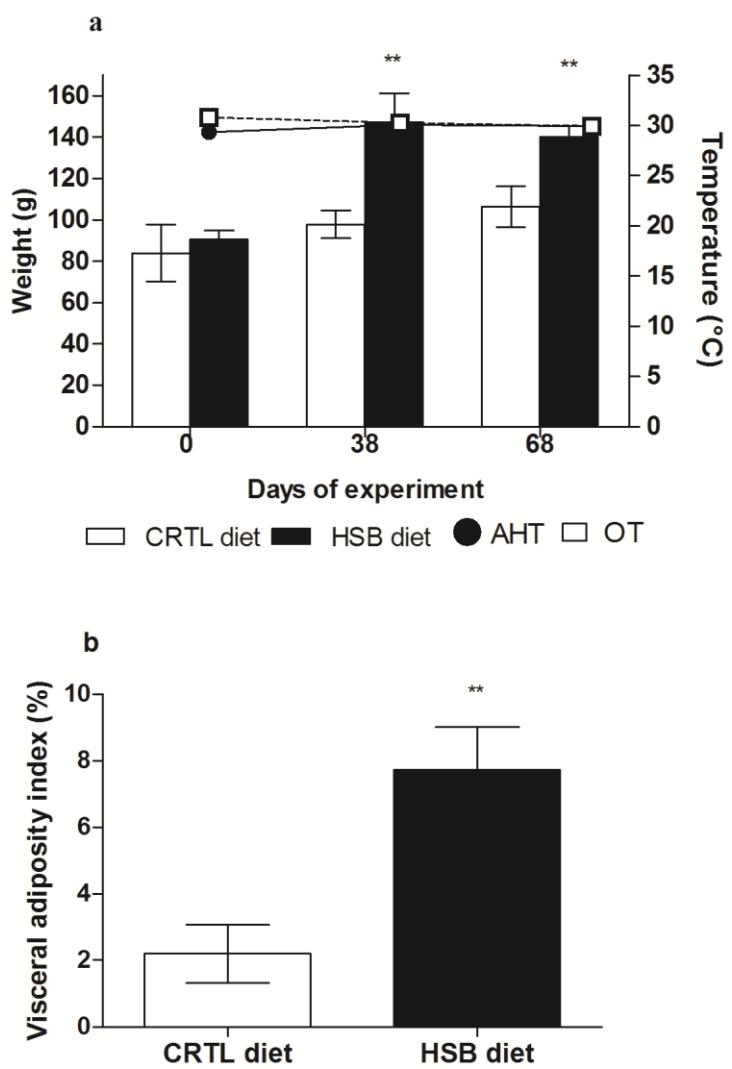


Fig.S2. (a) Hamster body weight in grams (bars) and temperature inside and outside the animal house (lines).(b)Visceral Adiposity Index at 68 days (as a percentage). Hamsters fed the AIN 93 M diet (CTRL, n= 6) and hamsters fed the high sugar and butter diet (HSB, n= 6 or 4). Animal house temperature (AHT) and outside temperature (OT) in degrees Celsius (°C). ** p< 0.01. The data are shown as the mean± standard deviation.

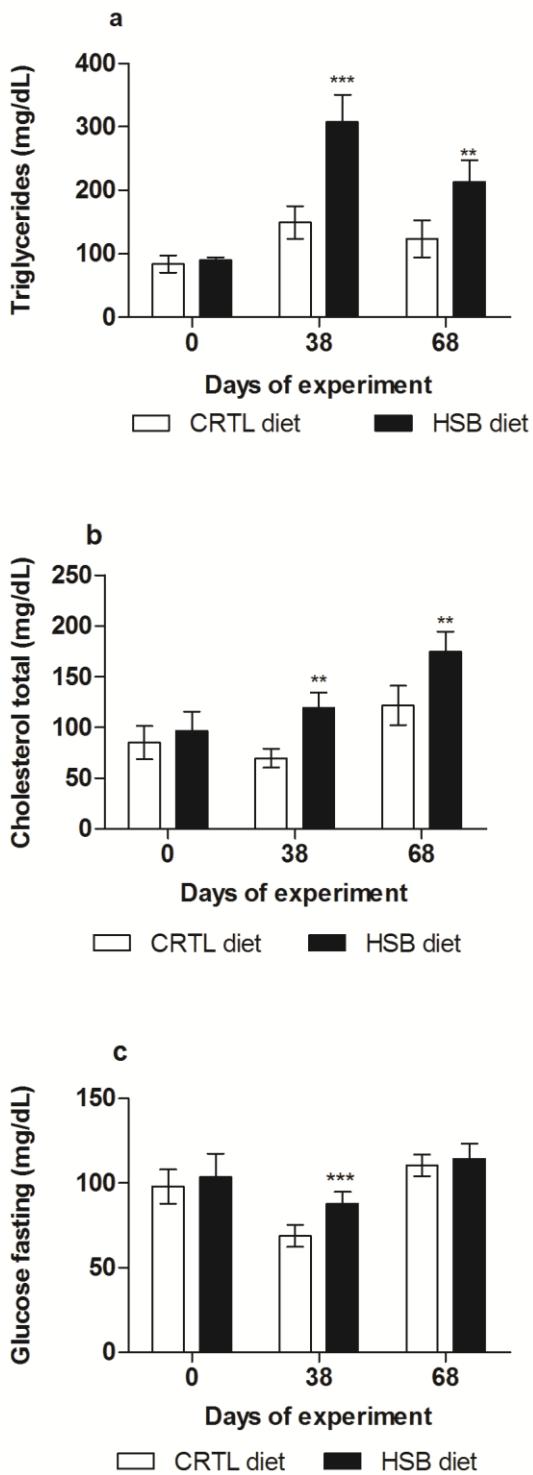


Fig.S3. (a) Triglycerides in plasma in milligrams per decilitre. (b) Cholesterol in plasma in milligrams per decilitre. (c) Glucose fasting in milligrams per decilitre. Hamsters fed the AIN 93 M diet (CTRL, n= 6) and hamsters fed the high sugar and butter diet (HSB, n= 6 or 4). ** p < 0.01 *** p < 0.001. The data are shown as the mean± standard deviation.

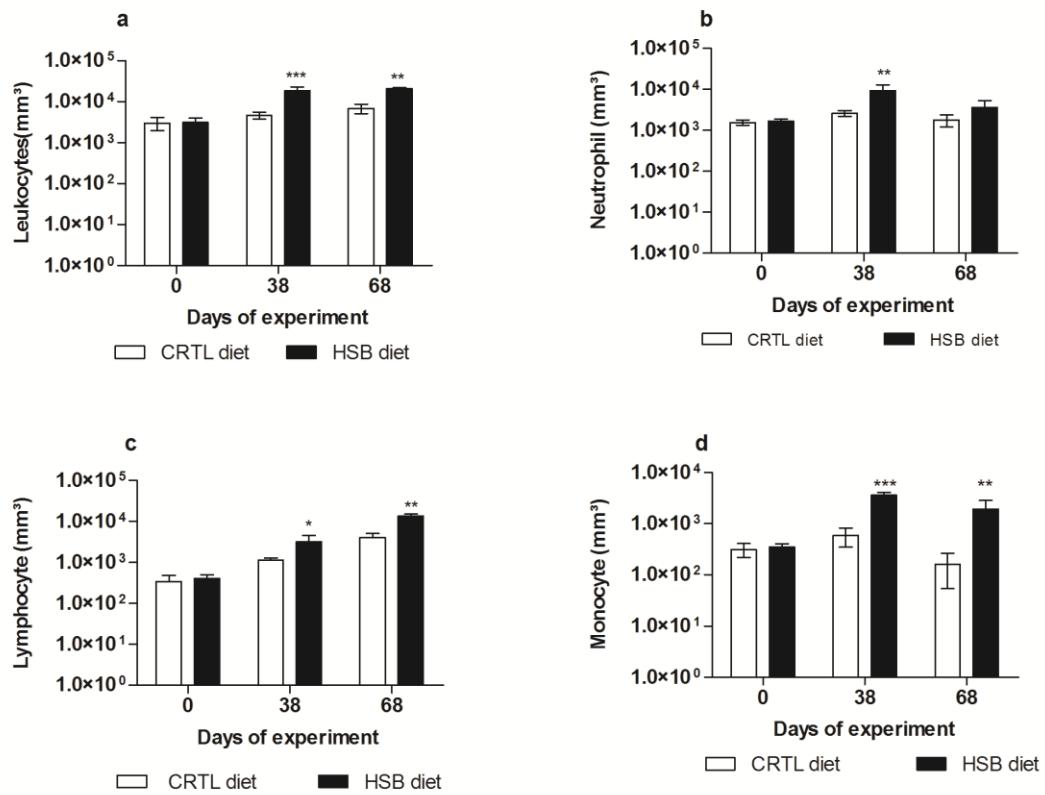


Fig. S4. Total and differential leukocyte counts. (a) Leukocytes per mm³ of blood. (b) Neutrophils per mm³ of blood. (c) Lymphocytes per mm³ of blood. (d) Monocyte per mm³ of blood. Hamsters fed the AIN 93 M diet (CTRL, n= 6) and hamsters fed the high sugar and butter diet (HSB, n= 6 or 4). *p<0.05 **p<0.01 ***p<0.001. The data are shown as the mean± standard deviation.